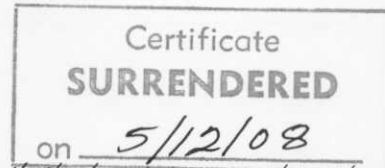


United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA1398NM

This certificate, issued to ROGERSON ATS



certifies that the change in the type design for the following product with the limitations and conditions

therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air*
*Certification basis is set forth on Type Certificate Data Sheet A3WE.
Regulations.

Original Product — Type Certificate Number: A3WE
Make: Boeing
Model: 727-191

Description of Type Design Change:

Installation of an auxiliary fuel system in the forward and aft cargo compartments in accordance with Aircraft Tank Service FAA approved Master Drawing List TA212, Revision D, dated September 29, 1983, or later FAA approved revisions thereto. FAA approved Airplane Flight Manual Supplement, TA236, dated October 4, 1983, or approved revision thereto, is required as part of this installation.

Limitations and Conditions:

The conditions and limitations of Type Certificate Data Sheet A3WE apply except as outlined on Page 3 of the STC. A copy of this STC must be included in the permanent records of each airplane modified in accordance with this STC. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will have no adverse effect on the airworthiness of that aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 22, 1982 *Date reissued:* February 28, 1991

Date of issuance: October 4, 1983 *Date amended:*



By direction of the Administrator,
[Signature]
for Manager, Los Angeles Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

10/04/83 (I)
02/28/91 (R)

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA1398NM

SUPPLEMENTAL TYPE CERTIFICATE DATA SHEET NO. SA1398NM

This data sheet, which is part of Supplemental Type Certificate SA1398NM, prescribes conditions and limitations under which the product for which the Supplemental Type Certificate was issued meets the airworthiness requirements of the Civil Air Regulations.

Supplemental Type Certificate Holder: Rogerson ATS
Irvine, California

1—Model 727-100 Transport Category Aircraft Modified in accordance with STC SA1398NM

Maximum Cabin and
Cargo Loading:

See Aircraft Tank Service Weight and Balance
Supplement TA 235

		Usable		
	<u>Tank</u>	<u>Gallons</u>	<u>Pounds *</u>	<u>Arm - in.</u>
Auxiliary Fuel Capacity	Forward	645.0	4322	+ 639.38
	Aft	850.0	5695	+ 1010.13
Unusable Auxiliary Fuel Capacity	Forward	1.8	12	+ 673.38
	Aft	3.0	20	+ 980.13

* Fuel weights based on fuel density of 6.7 lb./gal.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.